

SITE PLAN

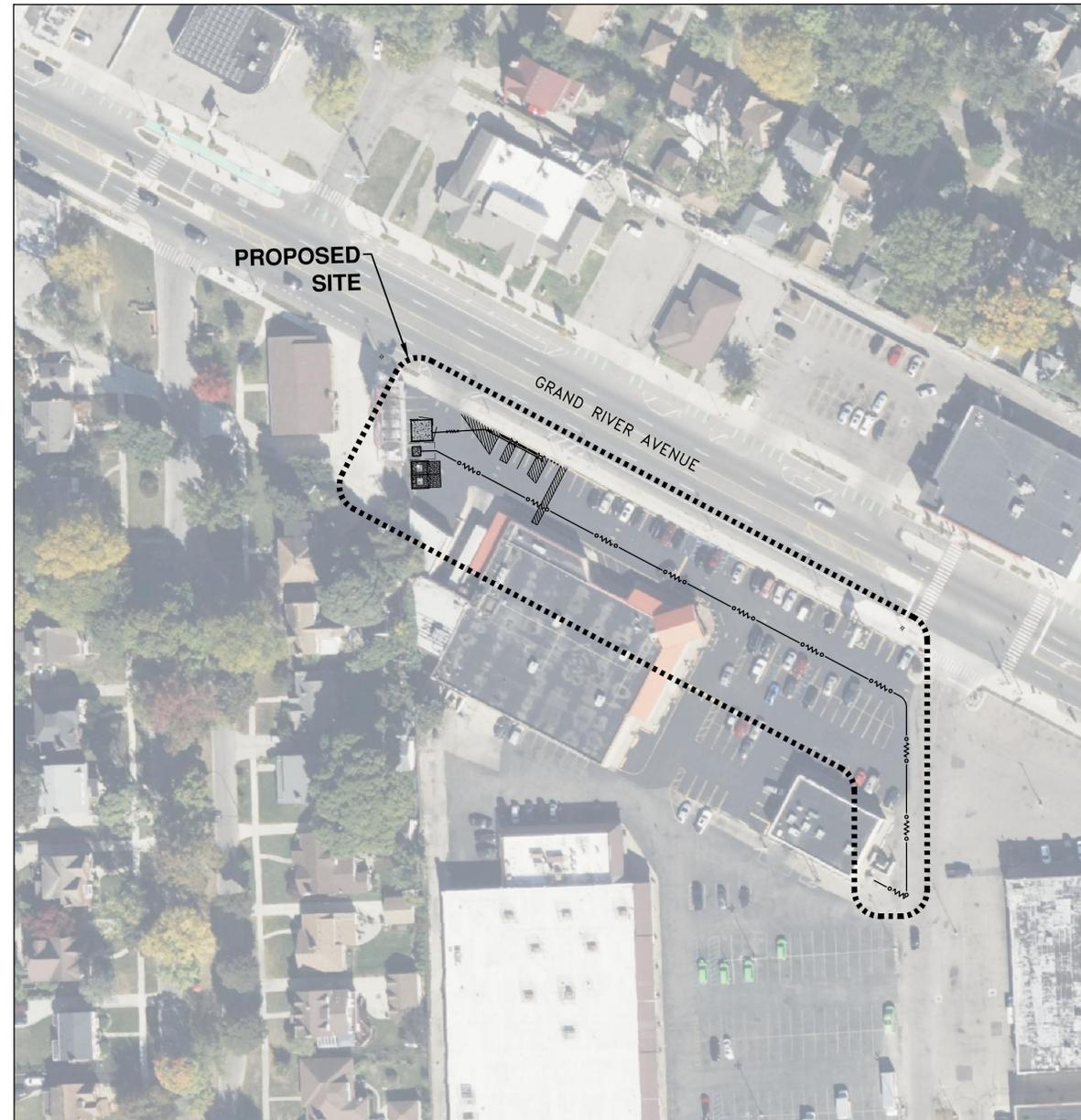
ROYAL FRESH MARKET DETROIT

CHARGE AHEAD DCFC SITE

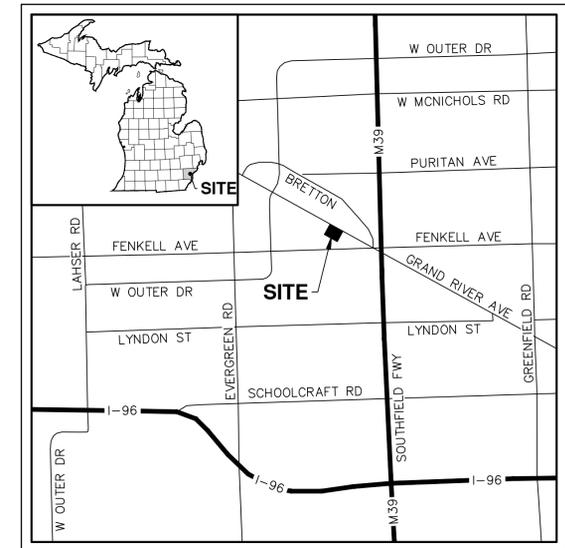
18551 GRAND RIVER AVE., CITY OF DETROIT, WAYNE COUNTY, MI

PROJECT CONTACTS

<p>OWNER 18551 GRAND RIVER, LLC 665 E. LONG LAKE RD. TROY, MI 48065</p>	<p>APPLICANT CITY OF DETROIT CONTACT: NAOMI OKANLAWON 2 WOODWARD AVENUE, SUITE 646 DETROIT, MI 48226 EMAIL: NAOMI.OKANLAWON@DETROITMI.GOV</p>
<p>DEVELOPER WALKER MILLER ENERGY SERVICES CONTACT: JACOB ZOHROB 8045 2ND AVENUE DETROIT, MI 48202 PHONE: 313.587.9645 EMAIL: ZOHROB@WMENERGY.COM</p>	<p>ENGINEER/PLANNER/SURVEYOR METRO CONSULTING ASSOCIATES LLC CONTACT: ERIC GEERLINGS, PE 45345 FIVE MILE ROAD PLYMOUTH, MI 48170 PHONE: 734.309.8221 EMAIL: EGEERLINGS@METROCA.NET</p>
<p>SITE PLAN PERMITTING BUILDINGS, SAFETY ENGINEERING, AND ENVIRONMENTAL DEPARTMENT (BSEED) 2 WOODWARD AVENUE DETROIT, MI 48226 PHONE: 313.224.2733</p>	<p>ON-SITE PERMITTING DETROIT BUILDINGS, SAFETY ENGINEERING, AND ENVIRONMENTAL DEPARTMENT (BSEED) CONTACT: 2 WOODWARD AVENUE DETROIT, MI 48226 PHONE: 313.224.2733 EMAIL:</p>
<p>RIGHT-OF-WAY PERMITTING BUILDINGS, SAFETY ENGINEERING, AND ENVIRONMENTAL DEPARTMENT (BSEED) 2 WOODWARD AVENUE DETROIT, MI 48226 PHONE: 313.224.2733</p>	<p>PRIVATE UTILITIES DTE ENERGY 1 ENERGY PLAZA DETROIT, MI 48226 PHONE: 1.800.477.4747</p>



OVERALL AREA MAP
SCALE 1" = 1" = 60'



VICINITY MAP
SCALE 1" = 3000'

SHEET INDEX

- 01 COVER SHEET
- 02 EXISTING CONDITIONS AND DEMOLITION PLAN
- 03 LAYOUT PLAN
- 04 GRADING AND UTILITY PLAN
- 05 DETAIL SHEET

PROJECT DESCRIPTION

WALKER MILLER ENERGY SERVICES ON BEHALF OF THE CITY OF DETROIT IS RESPECTFULLY REQUESTING THE NECESSARY PERMITS AND APPROVALS TO INSTALL FOUR DC FAST CHARGE EV PARKING SPACES AND ASSOCIATED EQUIPMENT AT THE EXISTING ROYAL FRESH MARKET LOCATED AT 18551 GRAND RIVER AVENUE, CITY OF DETROIT, MI.

LEGAL DESCRIPTION (FROM CITY GIS)

S GRAND RIVER PT OF S E 1/4 SEC 14 T 1 S R 10 E DESC AS FOLS BEG AT A PTE DIST N 88D 40S 42M E 1191.23 FT ALG S LINE FROM S 1/4 COR SD SEC 14 AND N 01D 21M 10S W 33.23 FT TH CONT N 01D 21M 10S W 435.53 FT TH N 60D 56M 30S W 93.90 FT TH S 29D 03M 30S W 98 FT TH N 60D 56M 30S W 270.21 FT TH N 00D 46M 10S W 219.01 FT ALG ELY LINE ROSEDALE PARK SUB NO 1 L37 P73, TH S 60D 56M 30S E 442.25 FT ALG SLY ROW OF GRAND RIVER AVE 105 FT WD TH S 01D 21M 10S E 530.47 FT TH S 88D 38M 50S W 20 FT ALG FENKELL AVE 66 FT WD TO POB 22/--- 78339 SQ FT APPORTIONMENT OF 22007234.002 PART A OF 2 PARTS.DOE NOT CONFORM TO SUBDIVISION CONTROL ACT OR CITY ORDINANCE CANNOT BE LEGALLY DIVIDED.THIS SPLIT IS FOR ASSESSMENT AND TAX BILLING PURPOSES ONLY.12/30/03 LS



THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

CONSTRUCTION SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

Revisions

FOR SITE PLAN APPROVAL ONLY



Project Number	Date
1054-24-13051	1/22/2026
P.M.	Checked by
EG	AW
Drawn by	Crew/Book
	WB

Client:
WALKER - MILLER ENERGY SERVICES

Project:
ROYAL FRESH MARKET DETROIT CHARGE AHEAD DCFC SITE

Site Address	18551 GRAND RIVER AVE. DETROIT, MI 48223
County	WAYNE
Community	CITY OF DETROIT
Township	
Range	
Section	



Professional Name: ANDREW WALTERS, PE Date: 1/22/26

Title:
SITE PLAN COVER SHEET

Drawing Scale	Sheet Number
1" = 60'	01



EXISTING CONDITIONS NOTES:

1. THIS PLAN IS BASED ON THE TOPOGRAPHIC SURVEY PREPARED BY METRO CONSULTING ASSOCIATES.
2. ELEVATIONS SHOWN HEREIN ARE BASED ON NAVD88 DATUM.
3. THE BEARING BASIS FOR THE SITE IS NAD83, MICHIGAN STATE PLANES, SOUTH ZONE, INTERNATIONAL FOOT.
4. THE PARCEL SHOWN IS NOT WITHIN A SPECIAL FLOOD HAZARD ZONE ACCORDING TO FEMA FLOOD INSURANCE RATE MAP, 26163C0100E DATED 2/2/2012.
5. EXISTING UTILITIES ARE BASED ON FIELD OBSERVATIONS OF VISIBLE STRUCTURES IN CONJUNCTION WITH UTILITY MAPS OBTAINED AND/OR MARKED IN THE FIELD BY OTHERS. METRO CONSULTING ASSOCIATES (MCA) MAKES NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF THE EXISTING UTILITY INFORMATION SHOWN. ALL UTILITY LOCATIONS AND DEPTHS SHOULD BE INDEPENDENTLY VERIFIED PRIOR TO CONSTRUCTION. ANY DISCREPANCIES WITH THE PLANS SHOULD BE BROUGHT TO THE DESIGN PROFESSIONAL'S ATTENTION IMMEDIATELY.

DEMOLITION NOTES:

1. THE CONTRACTOR SHALL CALL 811 "MISS DIG" AT LEAST THREE WORKING DAYS PRIOR TO CONSTRUCTION.
2. A SOIL EROSION CONTROL PERMIT FROM THE AUTHORITY HAVING JURISDICTION IS REQUIRED AND SOIL EROSION CONTROL BMP'S SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF DEMOLITION ACTIVITIES.
3. THE CONTRACTOR SHALL INDEPENDENTLY VERIFY THE LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO DEMOLISH OR RELOCATE ANY SITE FEATURES AS ACCORDING TO PLAN AND/OR AS APPROPRIATE TO FACILITATE THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
5. PRIOR TO REMOVING, RELOCATING, OR PERFORMING ANY WORK ON A UTILITY, THE CONTRACTOR SHALL COORDINATE WITH THE RESPECTIVE UTILITY OWNER.
6. ALL DEMOLISHED MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGALLY DESIGNATED DISPOSAL AREA. PERMITS AND FEES FOR DISPOSAL OF DEMOLITION MATERIAL SHALL BE OBTAINED AND PAID FOR BY THE CONTRACTOR.
7. COORDINATE WITH THE UTILITY PLAN REGARDING DEMOLITION OR RELOCATION OF EXISTING UTILITIES.
8. REMOVE BUILDING FOOTINGS TO A MINIMUM OF TWO FEET BELOW FINISHED GRADE AND, WHERE UNDER PROPOSED BUILDINGS OF PAVED AREAS, BACKFILL WITH ENGINEERED MATERIAL.
9. REMOVAL OF EXISTING LIGHT POLES SHALL INCLUDE THE REMOVAL OF THE POLE BASE AND CONDUIT BETWEEN LIGHTS.
10. REMOVAL OF CONCRETE SIDEWALK AND/OR CURB SHALL BE TO THE NEAREST JOINT UNLESS OTHERWISE NOTED.
11. PAVEMENTS TO BE REMOVED SHALL BE SAW CUT TO THE FULL DEPTH OF THE PAVEMENT. THE CONTRACTOR SHALL TAKE CARE TO MAINTAIN A CLEAN EDGE OF PAVEMENT.

SITE SOILS INFORMATION

KibuaB: KIBBIE-URBAN LAND COMPLEX, 0 TO 4 PERCENT SLOPES
 UrbaqB: URBAN LAND-RIVERFRONT COMPLEX, 0 TO 4 PERCENT SLOPES
 UrbarB: URBAN LAND-RIVERFRONT COMPLEX, DENSE SUBSTRATUM, 0 TO 4 PERCENT SLOPES

LEGEND

EX. SPOT ELEVATION	PR. SPOT ELEVATION
EX. CONTOUR	PR. CONTOUR
EX. WETLAND LIMITS	PR. DRAINAGE ARROW
EX. BOUNDARY LINE	PR. EASEMENT LINE
EX. ADJACENT PROPERTY LINE	PR. SETBACK LINE
EX. RIGHT-OF-WAY	PR. CURB/PAVEMENT
EX. SECTION LINE	PR. SIDEWALK RAMP
EX. EASEMENT LINE	PR. ASPHALT PAVEMENT
EX. CURB/PAVEMENT	PR. CONCRETE
EX. FENCE	PR. GUARDRAIL
EX. GRAVEL	PR. SIGN
EX. DITCH	PR. WATER MAIN
EX. GUARDRAIL	PR. WATER VALVE
EX. TRENCH	PR. HYDRANT
EX. TREE (CONIFEROUS)	PR. WATER VALVE IN MANHOLE
EX. TREE (DECIDUOUS)	PR. WELL
EX. SIGN	PR. REDUCER
EX. MAILBOX	PR. STORM SEWER
FOUND IRON PIPE	PR. STORM INLET/CATCH BASIN
FOUND IRON ROD	PR. STORM MANHOLE
FOUND PK NAIL	PR. STORM END SECTION
FOUND CONC. MONUMENT	PR. SANITARY SEWER
SET IRON ROD	PR. SANITARY MANHOLE
SET MAG NAIL	PR. CLEANOUT
EX. SECTION CORNER	PR. UTILITY CROSSING LOCATION
SOIL BORING	PR. UNDERGROUND GAS
EX. WATER MAIN	PR. GAS VALVE
EX. WATER VALVE	PR. LIGHT POLE
EX. HYDRANT	PR. TREE PROTECTION FENCE
EX. WATER MANHOLE	PR. DEMO UTILITY / CURB
EX. WELL	PR. DEMO PAVEMENT AND CURB
EX. WATER METER	PR. DEMO BUILDING
EX. STORM SEWER	PR. DEMO EXISTING TREE
EX. STORM INLET/CATCH BASIN	PR. SILT FENCE
EX. STORM MANHOLE	PR. LIMITS OF DISTURBANCE
EX. STORM END SECTION	PR. INLET FILTER
EX. SANITARY SEWER	PR. STONE / RIP-RAP
EX. SANITARY MANHOLE	PR. SOIL LIMITS
EX. CLEAN OUT	PR. SOIL TYPE
EX. UNDERGROUND GAS	
EX. GAS VALVE	
EX. TEST STATION	
EX. GAS METER	
EX. UNDERGROUND CABLE	
EX. UNDERGROUND FIBER	
EX. UNDERGROUND TELEPHONE	
EX. TELEPHONE MANHOLE	
EX. TELEPHONE RISER	
EX. OVERHEAD ELECTRIC	
EX. UNDERGROUND ELECTRIC	
EX. ELECTRIC MANHOLE	
EX. ELECTRIC METER/TRANSFORMER	
EX. LIGHT POLE	
EX. TRAFFIC SIGNAL POLE	
EX. UTILITY POLE	
EX. CUY WIRE	
EX. TRAFFIC SIGNAL BOX	
EX. UNIDENTIFIED MANHOLE	



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Revisions

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Project Number	Date
1054-24-13051	1/22/2026
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Client
WALKER - MILLER ENERGY SERVICES

Project
**ROYAL FRESH MARKET
 DETROIT CHARGE AHEAD
 DCFC SITE**

Site Address
 18551 GRAND RIVER AVE.
 DETROIT, MI 48223

County
 WAYNE

Community
 CITY OF DETROIT

Township
 Range
 Section

Professional Name
 ANDREW WALTERS, PE

Date
 1/22/26

**SITE PLAN
 EXISTING CONDITIONS
 AND DEMOLITION PLAN**

Drawing Scale

Sheet Number
02



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Revisions

NO.	DESCRIPTION	DATE

FOR SITE PLAN APPROVAL ONLY



Project Number: 1054-24-13051 Date: 1/22/2026
 P.M. EG Checked by: AW Drawn by: WB Crew/Book: ---

Client: **WALKER - MILLER ENERGY SERVICES**

Project: **ROYAL FRESH MARKET DETROIT CHARGE AHEAD DCFC SITE**

Site Address: 18551 GRAND RIVER AVE. DETROIT, MI 48223
 County: WAYNE Community: CITY OF DETROIT
 Township: _____ Range: _____ Section: _____

Professional Name: ANDREW WALTERS, PE Date: 1/22/26
 Title: **SITE PLAN GRADING AND UTILITY PLAN**

Drawing Scale: 1" = 30' Sheet Number: **04**

UTILITY NOTES:

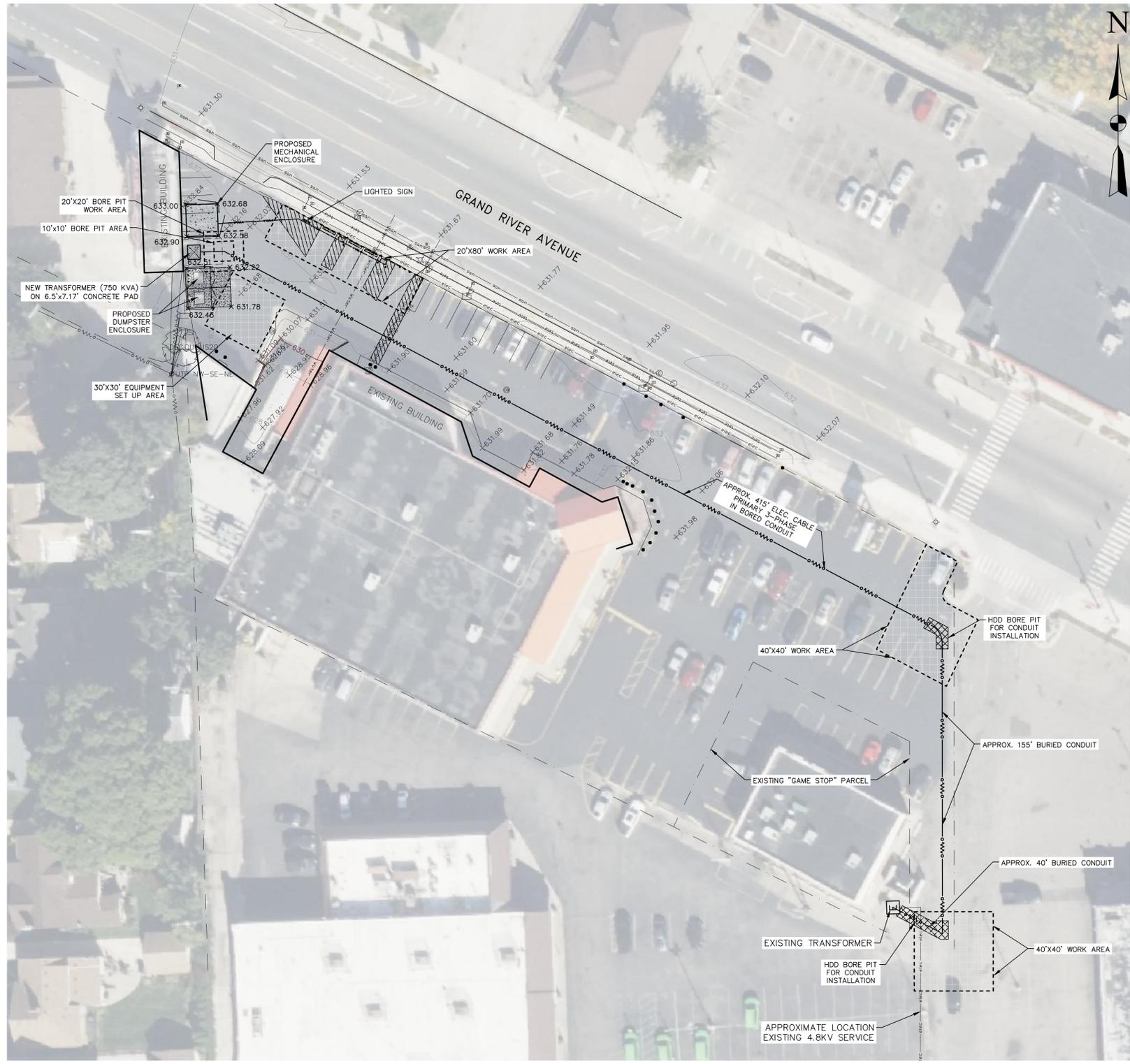
- GENERAL UTILITY NOTES
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING COPIES OF ALL REQUIRED STATE AND LOCAL PERMITS PRIOR TO THE START OF CONSTRUCTION. COPIES OF THE REQUIRED PERMITS SHALL BE KEPT ON-SITE AT ALL TIMES.
 - WHERE THESE PLANS MAY CONFLICT WITH THE REQUIREMENTS OF THE LOCAL JURISDICTION, THE LOCAL JURISDICTIONAL REQUIREMENTS SHALL GOVERN.
 - ALL PROPOSED UTILITY MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS, SPECIFICATIONS AND CONSTRUCTION DETAILS OF THE AUTHORITY HAVING JURISDICTION.
 - REFER TO THE STANDARD DETAILS OF THE AUTHORITY HAVING JURISDICTION REGARDING UTILITY TRENCH BEDDING AND BACKFILL REQUIREMENTS.
 - REFER TO THE STANDARD DETAILS OF THE AUTHORITY HAVING JURISDICTION REGARDING REQUIRED MANHOLE AND CASTING DETAILS AND TYPES.
 - CONTRACTOR SHALL COORDINATE SCHEDULING AND PROCEDURES WITH THE AUTHORITY HAVING JURISDICTION PRIOR TO PERFORMING THE PROPOSED CONNECTIONS TO THE EXISTING UTILITIES.
 - UTILITY TESTING AS REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE IN ACCORDANCE WITH THE CURRENT STATE AND LOCAL REQUIREMENTS.
 - A MINIMUM VERTICAL SEPARATION OF 18 INCHES SHALL BE MAINTAINED BETWEEN CROSSING UTILITIES, UNLESS OTHERWISE APPROVED.
 - A MINIMUM HORIZONTAL SEPARATION OF 10 FEET SHALL BE MAINTAINED BETWEEN SANITARY AND STORM SEWER LINES AND POTABLE WATER LINES.
 - THE CONTRACTOR SHALL CALL 811 'MISS DIG' AT LEAST THREE WORKING DAYS PRIOR TO CONSTRUCTION.
 - CONTRACTOR SHALL INDEPENDENTLY VERIFY EXISTING UTILITY LOCATIONS AND DEPTHS PRIOR TO CONSTRUCTION.
 - CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL DRAWINGS FOR ALL UTILITY CONNECTIONS TO THE BUILDING(S). CONTRACTOR SHALL CONFIRM ALL BUILDING CONNECTION LOCATIONS AND ELEVATIONS AND NOTIFY THE PROJECT TEAM OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK.
 - PRIVATE UTILITIES (INCLUDING ELECTRIC, GAS, PHONE, AND CABLE) SHOWN FOR SCHEMATIC PURPOSES ONLY. ALL PRIVATE UTILITY ROUTING AND INSTALLATION SHALL BE COORDINATED BY THE RESPECTIVE UTILITY COMPANY AND/OR THE CONTRACTOR.

GRADING NOTES:

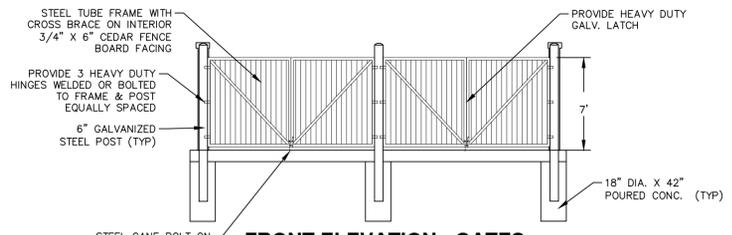
- A SOIL EROSION CONTROL PERMIT FROM THE AUTHORITY HAVING JURISDICTION IS REQUIRED PRIOR TO THE COMMENCEMENT OF GRADING ACTIVITIES.
- ALL PROPOSED SPOT GRADES SHOWN AT THE TOP PAVEMENT, UNLESS OTHERWISE NOTED, NOTATION CODES ARE AS FOLLOWS: FF=FINISHED FLOOR, FG=FINISHED GRADE, TC=TOP OF CURB, RIM=TOP OF GRATE OR MANHOLE, TW=TOP OF WALK, TWALL=TOP OF WALL, BWALL=BOTTOM OF WALL, EM=EDGE OF METAL.
- REFER TO THE GEOTECHNICAL INVESTIGATION REPORT FOR CONSTRUCTION RECOMMENDATIONS AND REQUIREMENTS REGARDING SUB-SURFACE SOIL CONDITIONS, GROUNDWATER CONDITIONS, SITE PREPARATION, EXCAVATION, PAVEMENT CROSS-SECTIONS, AND MATERIALS TESTING.
- THE PROPOSED SLOPES ARE APPROXIMATE AS SHOWN.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE IN THE POST CONSTRUCTION CONDITIONS AND NO ADVERSE IMPACTS TO NEIGHBORING PROPERTIES DURING AND AFTER COMPLETION OF CONSTRUCTION.
- ANY SOIL RETAINING SYSTEM OR WALL SHALL BE DESIGNED BY A QUALIFIED STRUCTURAL OR GEOTECHNICAL ENGINEER. A DETAIL OF THE RETAINING WALL WITH CALCULATIONS TO BE SUBMITTED TO THE REVIEW AGENCY AS REQUIRED.
- WHEN PAVED AREAS ARE EXCAVATED, ASPHALT AREAS SHALL BE SAW-CUT AND REMOVED TO A DISTANCE EQUAL TO THE DEPTH OF EXCAVATION. CONCRETE SHALL BE REMOVED TO THE FIRST JOINT PAST THE DISTANCE EQUAL TO THE DEPTH OF EXCAVATION. COMPACTED SAND BACKFILL IS REQUIRED IN ALL EXCAVATIONS WITHIN A 1:1 SLOPE OF EXISTING OR PROPOSED PAVEMENT.
- ALL SIDEWALK PLANNED TO BE ACCESSIBLE SHALL BE CONSTRUCTED WITH CROSS SLOPES LESS THAN 2% AND LONGITUDINAL SLOPES LESS THAN 5%.
- ALL SIDEWALK CURB RAMPS SHALL BE CONSTRUCTED PER THE LATEST MICHIGAN DEPARTMENT OF TRANSPORTATION DETAILS AND IN COMPLIANCE WITH THE AMERICAN WITH DISABILITIES ACT.
- CONTRACTOR SHALL ADJUST ALL EXISTING MANHOLE AND/OR CATCH BASIN CASTINGS AFFECTED BY THE PROPOSED WORK WHERE NECESSARY, DUE TO EXCESSIVE CHANGE IN ELEVATION, CONTRACTOR SHALL RECONSTRUCT THE STRUCTURE TO ACHIEVE THE PROPOSED GRADES.

LEGEND

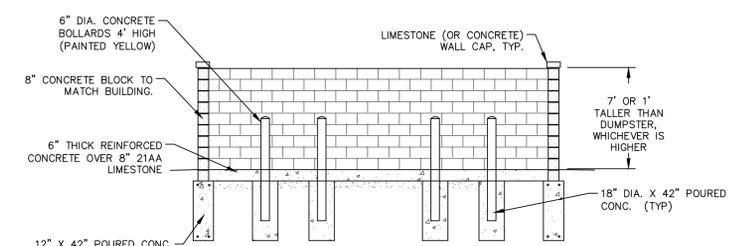
X 656.5	EX. SPOT ELEVATION
---	EX. CONTOUR
---	EX. WETLAND LIMITS
---	EX. BOUNDARY LINE
---	EX. ADJACENT PROPERTY LINE
---	EX. RIGHT-OF-WAY
---	EX. SECTION LINE
---	EX. EASEMENT LINE
---	EX. CURB/PAVEMENT
---	EX. FENCE
---	EX. GRAVEL
---	EX. DITCH
---	EX. GUARDRAIL
---	EX. TRELLINE
○	EX. TREE (CONIFEROUS)
○	EX. TREE (DECIDUOUS)
○	EX. SIGN
○	EX. MAILBOX
○	FOUND IRON PIPE
○	FOUND IRON ROD
○	FOUND PK NAIL
○	SET IRON ROD
○	SET MAG NAIL
○	EX. SECTION CORNER
○	SOIL BORING
○	EX. WATER MAIN
○	EX. WATER VALVE
○	EX. HYDRANT
○	EX. WATER MANHOLE
○	EX. WELL
○	EX. WATER METER
○	EX. STORM SEWER
○	EX. STORM INLET/CATCH BASIN
○	EX. STORM MANHOLE
○	EX. STORM END SECTION
○	EX. SANITARY SEWER
○	EX. SANITARY MANHOLE
○	EX. CLEAN OUT
○	EX. UNDERGROUND GAS
○	EX. GAS VALVE
○	EX. TEST STATION
○	EX. GAS METER
○	EX. UNDERGROUND CABLE
○	EX. UNDERGROUND FIBER
○	EX. UNDERGROUND TELEPHONE
○	EX. TELEPHONE MANHOLE
○	EX. TELEPHONE RISER
○	EX. OVERHEAD ELECTRIC
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○	EX. LIGHT POLE
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X 656.5	PR. SPOT ELEVATION
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---	PR. SANITARY MANHOLE
---	PR. CLEANOUT
---	PR. UTILITY CROSSING LOCATION
---	PR. UNDERGROUND GAS
---	PR. GAS VALVE
---	PR. LIGHT POLE



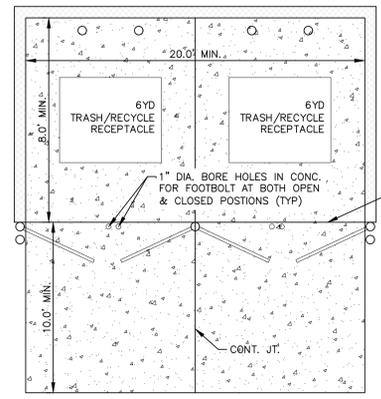
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FRONT ELEVATION - GATES

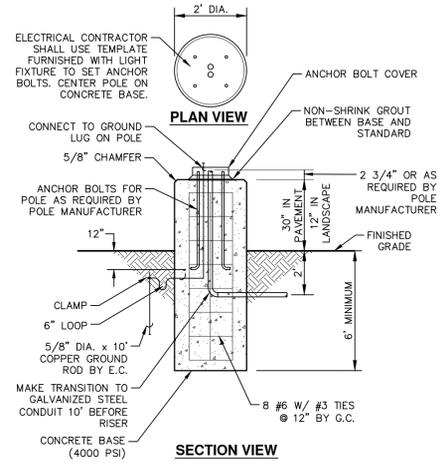


ELEVATION

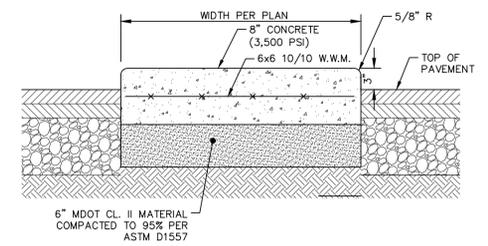


PLAN

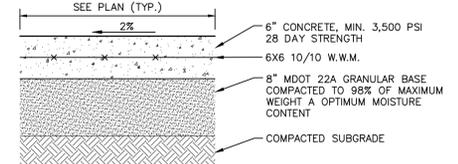
DUMPSTER DETAIL
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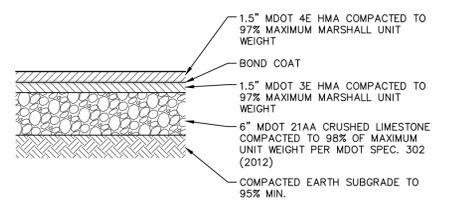
SECTION VIEW
LIGHT POST BASE
NOT TO SCALE



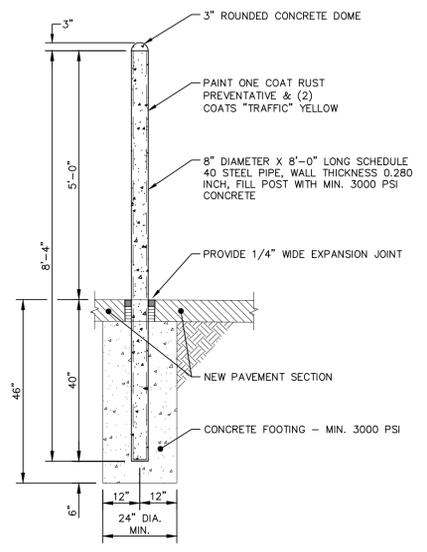
MECHANICAL ENCLOSURE CONCRETE PAD
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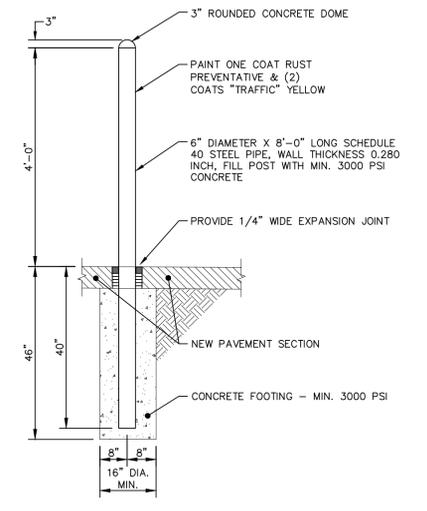
REINFORCED CONCRETE PAVEMENT
NOT TO SCALE



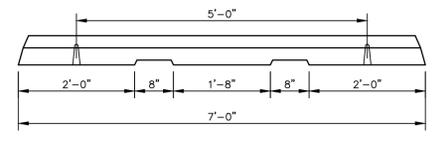
ASPHALT PAVEMENT - STANDARD DUTY
NOT TO SCALE



HEAVY DUTY BOLLARD
NOT TO SCALE



STANDARD BOLLARD
NOT TO SCALE



NOTES
MATERIALS:
WHEEL STOPS: PRECAST 4000 PSI MINIMUM COMPRESSIVE STRENGTH. EACH STOP SHALL BE REINFORCED WITH TWO NO. 4 DEFORMED CHAMFERED CORNERS AND DRAINAGE SLOTS ON UNDERSIDE, AND PROVIDE HOLES FOR DOWEL-ANCHORING TO SUBSTRATE.
STEEL BARS FOR INSTALLATION: GALVANIZED # 8 STEEL DOWELS OR GALVANIZED NO. 5 STEEL REINFORCING BARS, 18" LONG.
INSTALLATION:
WHEEL STOPS TO BE CENTERED IN WIDTH OF PARKING STALL.
SECURELY ATTACH WHEEL STOPS INTO AT-GRADE PAVEMENT WITH NOT LESS THAN TWO GALVANIZED STEEL DOWELS EMBEDDED IN HOLES CAST INTO WHEEL STOPS. FIRMLY BOND EACH DOWEL TO WHEEL STOP AND TO PAVEMENT.

CONCRETE WHEEL STOP
NOT TO SCALE



THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
CONSTRUCTION SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

Revisions

FOR SITE PLAN APPROVAL ONLY



Project Number: 1054-24-13051
Date: 1/22/2026
Checked by: AW
Drawn by: WB
Crew/Book: ---

Client: WALKER - MILLER ENERGY SERVICES

Project: ROYAL FRESH MARKET DETROIT CHARGE AHEAD DCFC SITE

Site Address: 18551 GRAND RIVER AVE. DETROIT, MI 48223

County: WAYNE
Community: CITY OF DETROIT
Township: --- Range: --- Section: ---

Professional Name: ANDREW WALTERS, PE
Date: 1/22/26
Title: SITE PLAN
DETAIL SHEET

Drawing Scale: --- Sheet Number: 05